



AF/EN

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Afshin Momtaz  
Title: High Frequency Binary Phase Detector

Docket No.: BU3360/0033-098001  
Filed: February 11, 2004  
Examiner: Cassandra F. Cox

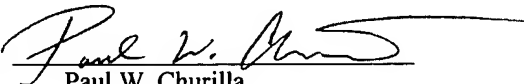
Serial No.: 10/776,074  
Due Date: November 20, 2006  
Group Art Unit: 2816

**MS AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):


- ☒ Return postcard and this transmittal document.
- ☒ An Amendment and Response (12 Pages).

Customer Number: 57246

By   
Paul W. Churilla  
Reg. No. 47,495

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 20th day of November, 2006.

\_\_\_\_\_  
Shellie Bailey

  
\_\_\_\_\_  
Signature

(GENERAL)



**Expedited Examining Procedure  
Group Art Unit 2816  
Response to final rejection under 37 C.F.R. § 1.116**

**S/N 10/776,074**

**PATENT**

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**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.116**

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicant has reviewed the Final Office Action mailed on September 20, 2006.

Applicant respectfully requests reconsideration of the application in view of the following.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 11 of this paper.